

## Syllabus, Chemistry 230-02, Spring 2009

*Disclaimer: this syllabus is tentative and may be subject to change if circumstances beyond my control require it.*

### Contact Information

Instructor name: Dr. Thomas Junk

Time of class: 8:00-8:50 MWF

Office hours: see below

Instructor's e-mail: junk@ulm.edu

Room of class: CNSB 100

Instructor's office: CNSB 112

Office phone: 342-1830

My schedule	Mo	Tu	We	Th	Fr
8:00-8:50 a.m.	230-02		230-02		230-02
9:00-10:00 a.m.	Office hr	Office hr	Office hr	Office hr	Office hr
2:00-5:00 p.m.	231-01	231-03		231-05	
5:00-6:00 p.m.		230 Review*			

\* No reviews held during the first week of class. Location for review sessions TBA. Timing flexible to accommodate exams and teaching schedules. Participation not mandatory.

### Course Prerequisites/Corequisites

Prerequisites: You must have passed Chem 108 with a "C" or better. Do **NOT** attempt to take this class if you do not meet this requirement.

### Course Description, Objectives and Outcomes

This course will familiarize you with the principles of organic chemistry. These include the theory of structure and bonding, the conception and representation of organic reaction mechanisms, and the chemical properties of important functional groups. In conjunction with problem sets and with the aid of special topics presented throughout this course (chiral drugs, polymers, mass spectrometry), students will learn to relate principles in organic chemistry to applied work and to the life sciences..

### Course Topics

The course will familiarize students with the material of chapters 1, 2, 3, 4, 6, 7, 8, 9.1-9.14, 10, 11, 12.1-12.4 and 14 in the text book. (McMurry's *Organic Chemistry*).

### Instructional Methods and Activities

This course will be presented in form of Powerpoint based lectures. These lectures closely reflect the material covered in the corresponding chapters of our text book. In addition, problem sets will be made available and discussed during review sessions. Copies of these lectures, answer keys to problem sets and exam keys will be posted at <http://www.ulm.edu/~junk/coursestaught.html>.

### Evaluation and Grade Assignment

Grading system: I generally curve, hence your performance will be judged relative to that of your peers. For each exam, you will earn up to 100 pts, for each quiz, 10. At the end of the semester, I will compare the points you earned to the maximum number of points earned in your class during this semester and assign your letter grade accordingly (A, 100%-90%; B, 89%-80%, etc). However, I reserve the right to determine the final cut-off percentages for grades in response to non-representative classes.

Test Schedule, Dates: Four exams worth 100 points each will be given on the following dates: Fr, Sep 18; Mo, Oct 12; We, Nov 11; and We, Dec 2. These generally will follow chapter breaks, but I may make adjustments for particularly long or short chapters. All exams will take one class period each (**do not count on overtime**). Be punctual! An optional final will be given on Mo, Dec 7, 8:00- 9:50 a.m., as assigned by ULM, which I will treat as one additional exam that can replace a low (or missing) exam grade. This final will be comprehensive. Thus, you will have 5 chances to earn up to 100 points each, and the lowest (or missing) result of these attempts will be dropped. All exams are **closed-book**. You will **not** need scratch paper. You will be

allowed to bring one 1/4 page (“cheat sheet”) containing any **hand-written** information of your choice **starting with exam 2** (and including the final), also a tetrahedral carbon model once we cover chirality. You **will** have access to a periodic table. Exams will emphasize the material not covered by previous exams, but will require knowledge of the basic concepts covered in previous chapters. Quizzes: There will be four short (10 min) unannounced quizzes worth 10 pts each. These will be closed-book, no-notes and will further encourage you to keep up with the material presented in class. Exams will be multiple choice, and **you will need a calculator, #2 pencils and scantrons**. I recommend filling in your name and student ID in advance so you save time. Since you will need these during quizzes, it is imperative that you bring them to **every class period!**

Mid-term grades: ULM requires that I post mid-term grades for you by Oct 16.. **Mid-term grades indicate a student’s status at mid-semester only and do not indicate the final performance outcome for a student!**

### **Class Policies and Procedures**

Textbooks and materials: McMurry’s *Organic Chemistry*, 7<sup>th</sup> ed. Other required material: Model Kit.

Attendance policy: ULM policy mandates your attendance, and mandates that I verify your attendance. I will circulate a sign-up form at the beginning of each class session. Notifications will be sent if you are absent >10% of the class periods.

Make-up policy: The option of dropping one exam eliminates the need for make-up exams under any but the most unusual circumstances. A make-up quiz will be offered for those with excused absences only.

Academic Integrity: If you cheat, you will get zero points on the exam or quiz. This will happen to you even if you are a cooperating “benefactor”, it is in your interest not to cooperate. You cannot drop zeros obtained as a result of cheating. For further details, please refer to <http://www.ulm.edu/studentpolicy/>

Course evaluation policy: Please complete the on-line course evaluation!

Student Services: Please note that the following ULM student services are available to you: Student Success Center <http://www.ulm.edu/cass/>, Counseling Center <http://www.ulm.edu/counselingcenter/>, Special Needs <http://www.ulm.edu/counselingcenter/special.htm>, Student Services <http://www.ulm.edu/studentaffairs/>.

Discipline, Course Specific Policies: If your cell phone rings you may face a penalty (typically, a point loss). Only **simple** (non-programmable) calculators are allowed or needed during exams.

Office hours and review sessions: Office hours are intended to discuss problems, allow you to see your exams, etc., **not** for review. Review sessions are optional and do not cover any new material. I will **not** interpret your absence during review sessions as a lack of effort/interest in this course. I will **not** discuss review questions or grades by telephone. Review sessions may be rescheduled to accommodate your exam schedule.

Readings: You are expected to follow the lecture by reading the corresponding chapters in the textbook. I will attempt to cover all exam material in class, but any information contained in the corresponding book chapters is fair game.

Participation in class: You are invited to **ask questions** in class during lecture!

Homework assignments: There will be no mandatory homework assignments, but suggested review problem sets. I will hand these out during class and will be happy to discuss them with you during review sessions.

Posting of exam results and answer keys: Quiz results will be posted next to my door, according to your student ID number. Copies of quizzes will be posted at <http://www.ulm.edu/~junk/coursestaught.html>.

**Tentative Course Schedule**: see *Test Schedule, Dates*.